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February 7, 2013



Via Federal Express

United States Environmental Protection Agency - East
Attn: TSCA Section 8(e)
Room 6428
1201 Constitution Avenue, NW
Washington, DC 20004



Subject: Notice in Accordance with TSCA Section 8(e): Results of a Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test (OECD422) with Benzylamine, CAS No. 100-46-9

Dear Section 8(e) Coordinator:

BASF Corporation is submitting results of Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test (OECD422), in Wistar Rats with Benzylamine, CAS No. 100-46-9 conducted by BASF SE, Ludwigshafen, Germany. The substance is a chemical mainly used as intermediate and for coatings.

The study has been performed with the dose levels of 0, 30, 75 and 150 mg/kg body weight/day via gavage with 11 male and 11 female rats per dose group.

The following findings occurred:

150 mg/kg bw/day:

- One female was euthanized in moribund condition on Gestation Day 21. Breathing noises and gasping were observed in this animal. Macroscopically, grey and foamy contents of the stomach, pale and reddish discolored liver and pale discoloration of the kidneys were noted. Microscopically, mucosal degeneration, inflammatory infiltration and edema, squamous hyperplasia and hyperkeratosis of the forestomach were observed. Tubular dilatation of the kidney and congestion of the liver were considered secondary to the poor general condition.
- Nodules, reddish or red foci, and crateriform retractions were observed macroscopically in the stomach of the surviving animals. Degenerative, necrotic, inflammatory and/or reactive changes were observed microscopically in the forestomach and/or glandular stomach of both sexes:
 - o Mucosal degeneration with or without pustules, ulcer, inflammatory cell infiltrate with or without edema, reactive squamous hyperplasia, hyperkeratosis and/or parakeratosis with occasional dyskeratosis in the forestomach
 - o Erosion with or without regenerated mucosa and increased inflammatory cell infiltrate in the glandular stomach

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75 and 30 mg/kg bw./day:

- Mucosal degeneration with or without pustules (75 mg/kg bw./day only), inflammatory cell infiltrate with or without edema, reactive squamous hyperplasia, hyperkeratosis and/or parakeratosis with occasional dyskeratosis in the forestomach
- Increased inflammatory cell infiltrate (75 mg/kg bw./day only), erosion with or without regenerated mucosa and in the glandular stomach

BASF Corporation understands that reporting of the results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please note the technical contact and address below and direct all correspondence regarding this submission accordingly. If you have any questions, please call (248) 948-2051.

Sincerely,

Technical Contact: Alisa Boucher

BASF Corporation
Product Regulatory Center of Expertise – North America
26701 Telegraph Road, Southfield, MI 48033

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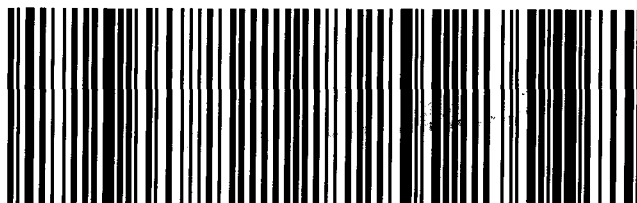
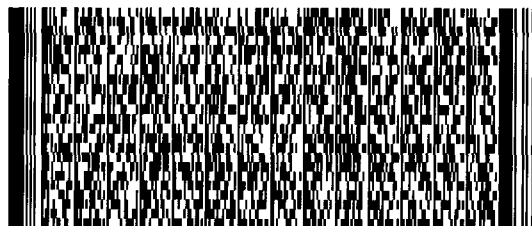
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